

**Legend**

Cabinet and Verts Cabinet with Regenerator and Verts <b>KEY</b> Proposed Fibre & Civils Elements are shown in RED Proposed Copper Elements are shown in BLUE Proposed Screening Elements are shown in MAGENTA All Recoveries are shown in GREEN	Copper Joint Fibre Joint Screening Conductor Joint with/without Earth 1988m Cable - Type Identified by FTN Code Status - as per Key Below 2034m F-DIDC-RGAC-A All Existing Elements are shown in BLACK Existing Fibre Cable Existing Copper Cable Existing Screen Cable	Signal Box Electrical Control Room Manhole Mid Length Sheath Gap Fibre Sheath Gap Copper FTN Core Node Core Node with GSM-R Colocated FTN Access Node FTN Access Node with GSM-R Colocated Screen Joint Routeworks Copper Joint Routeworks Cabinet Routeworks Fibre Joint Routeworks Manhole details: Cross-To be used Filled-In use Clear-Empty Tunnel	Overbridge Underbridge Earth Farm Signal Mile Post Platform Telephone Engineer's Line Reference Vehicle Access Point Pedestrian Access Point Buffer Stop GAS Gas Line HV HV Cable LV LV Cable SEW Sewer TEL Telecoms Water Cable Pull AC Stanchion
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**Notes**

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B	09/11/12	As Built	RJT	JO	PH
A	13/12/10	Redrafted from 1146-1147-SLD-V1.2.dwg & 1147-1149-SLD-V1.1.dwg	DA	JW	CT

Contractor(s): **Kely Integrated Transport Services Ltd**  
  
 Unit 4 Apex Park, Wainwright Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

Status: **As Built**

Scale(s):	ELR & Mileage
NTS	BML1

Designed	Sign.	Date
Drawn	Dominique Andres	13/12/10
Checked	Joe Winter	13/12/2010
Approved	Chris Tappenden	13/12/10

Project: **FTN / GSM-R Project Stage 2 As Built**

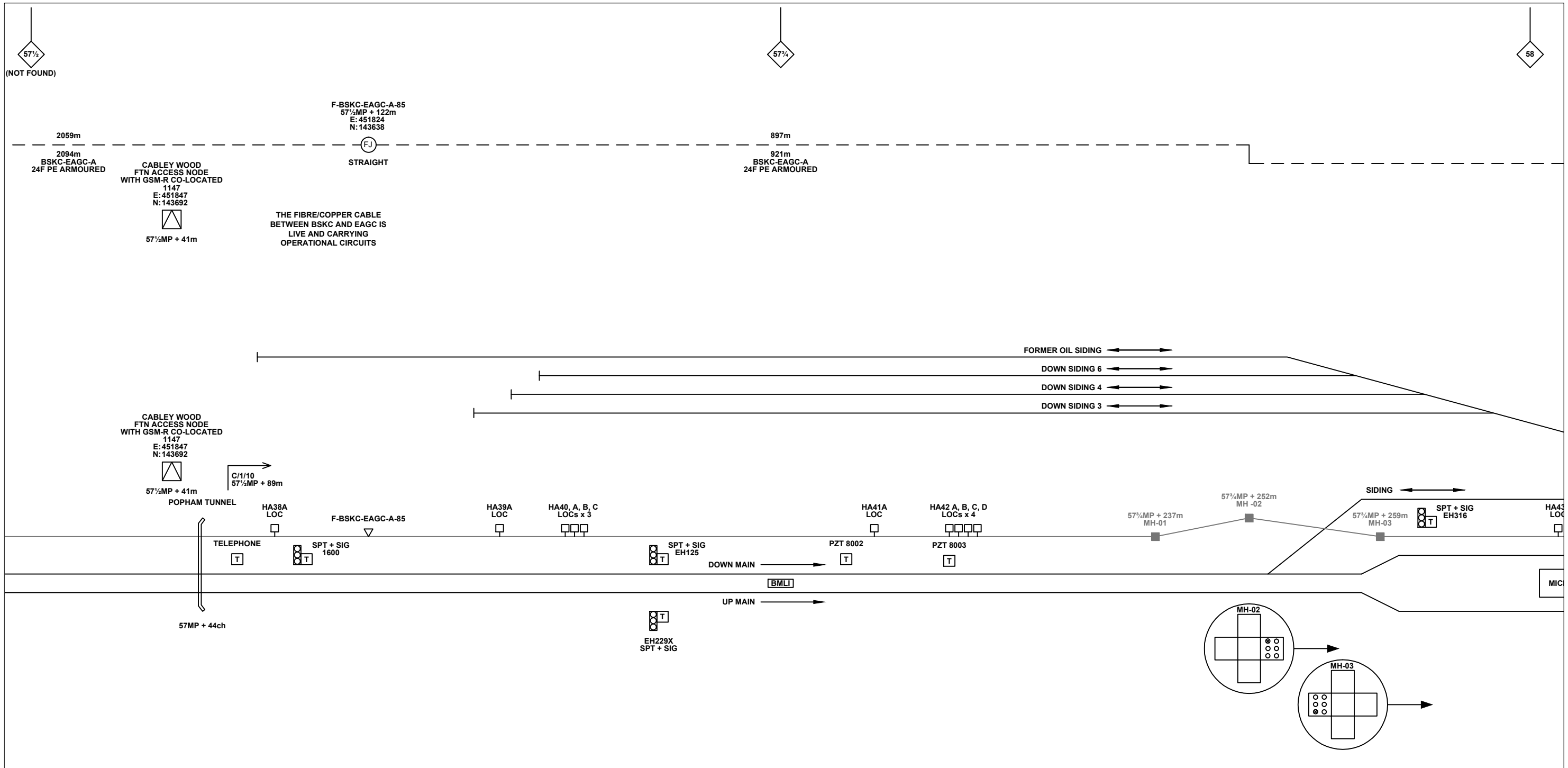
Drawing Title: **Cabley Wood (1147) to Micheldever (MLDA)**

FTN/GSM-R Project  
Tournament House  
Paxford  
London  
W2 1HA

Alternative Reference: See Layout Tab A3 Sheets 1 and 2

Drawing Number: NTPO\SLD\1147\MLDA\001

Sheet: 1 of 1  
Revision: B



**Legend**

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	Engineer's Line Reference	Crossing	GAS — GAS — Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Underbridge	Vehicle Access Point	Mile Post	Gantry	HV — HV — HV Cable
<b>KEY</b>	Screening Conductor Joint with/without Earth	Status - as per Key Below	Manhole	FTN Access Node	Cabinet Routeworks	Manhole details: Cross-To be used, Filled-In use, Clear-Empty	Pedestrian Access Point	Platform	SEW — SEW — Sewer	LV — LV — LV Cable
<b>Proposed Fibre &amp; Civils Elements are shown in RED</b>	Existing Fibre Cable	Existing Copper Cable	Mid Length Sheath Gap Fibre	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Tunnel	Earth Farm	Buffer Stop	Telephone	TEL — TEL — Telecoms
<b>Proposed Copper Elements are shown in BLUE</b>	Existing Screen Cable	Sheath Gap Copper	Cable Pull	AC Stanchion						W — W — Water
<b>Proposed Screening Elements are shown in MAGENTA</b>										
<b>All Recoveries are shown in GREEN</b>										

Notes


Contractor(s)

Unit 4 Apex Park, Wainwright Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000

Status: **As Built**

Scale(s): NTS, ELR & Mileage: BML1

Designed	Sign.	Date
Drawn	Sign. <i>D.Andres</i>	Date 13/12/10
Checked	Sign. <i>[Signature]</i>	Date 13/12/2010
Approved	Sign. <i>[Signature]</i>	Date 13/12/10
Project		
FTN / GSM-R Project Stage 2 As Built		
Drawing Title		
Cabley Wood (1147) to Micheldever (MLDA)		

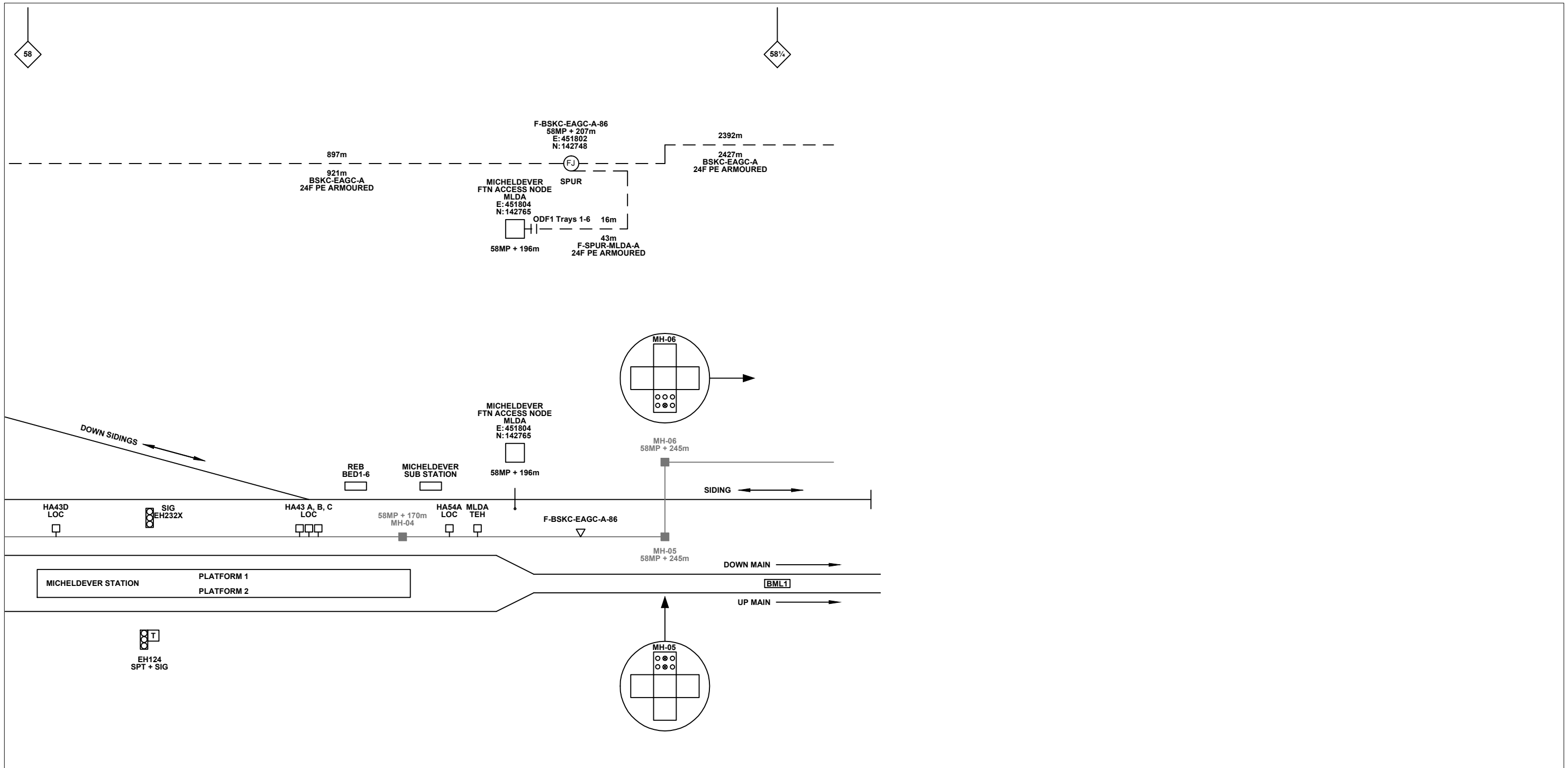
FTN/GSM-R Project  
Tournament House  
Paddington  
London  
W2 1HA

Alternative Reference: See Layout Tab 841 x 297 Sheet 1

Drawing Number: NTPO\SLD\1147MLDA\001

Sheet: 1 of 2

Revision: B



**Legend**

Cabinet and Verts	Copper Joint	Trough Duct Cable Tray	Signal Box	FTN Core Node	Screen Joint Routeworks	Overbridge	Signal	Engineer's Line Reference	Crossing	GAS — GAS — Gas Line
Cabinet with Regenerator and Verts	Fibre Joint	Cable - Type Identified by FTN Code	Electrical Control Room	Core Node with GSM-R Colocated	Copper Joint Routeworks	Underbridge	VAP Access Point	Mile Post	Gantry	HV — HV — HV Cable
<b>KEY</b>	Screening Conductor Joint with/without Earth	Status - as per Key Below	Manhole	FTN Access Node	Cabinet Routeworks	Manhole details: Cross-To be used, Filled-In use, Clear-Empty	PAP Access Point	Platform	SEW — SEW — Sewer	TEL — TEL — Telecoms
Proposed Fibre & Civils Elements are shown in RED		All Existing Elements are shown in BLACK	Mid Length Sheath Gap Fibre	FTN Access Node with GSM-R Colocated	Fibre Joint Routeworks	Tunnel	Earth Farm	Buffer Stop	W — W — Water	Cable Pull
Proposed Copper Elements are shown in BLUE		Existing Fibre Cable	Sheath Gap Copper						AC Stanchion	
Proposed Screening Elements are shown in MAGENTA		Existing Copper Cable								
All Recoveries are shown in GREEN		Existing Screen Cable								

Notes

Contractor(s)	Kelly Integrated Transport Services Ltd ndc consultants Unit 4 Apex Park, Wainwright Road, Worcester, Worcestershire, WR4 9FN. Tel: 01905 756000				
Status	As Built				
Scale(s)	ELR & Mileage BML1				
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Drawing Number	NTPO\SLD\1147\MLDA\001
Revision	B

FTN/GSM-R Project  
Tournament House  
Paddington  
London  
W2 1HA

Sheet 2 of 2